

Claims

1. A Method of realizing communicating between modules of system devices, wherein:

setting a centralized exchanging and controlling unit in device;

connecting the centralized exchanging and controlling unit with every module through communication control interface of the module in the device;

when communicating between the modules, sending the message to the centralized exchanging and controlling unit by a source module, processing the message by the centralized exchanging and controlling unit, and forwarding the processed message to a destination module by the centralized exchanging and controlling unit.

2. The method according to the Claim 1, further comprising:

broadcasting the message by the centralized exchanging and controlling unit, comparing the destination address of the message with address of the module by each module in device, and if the two addresses are identical, receiving the message by the module.

3. The method according to the Claim 2, further comprising:

presetting address pins of each module, and getting address of the module by reading the current state of address pins by each module.

4. The method according to the Claim 3, further comprising:

presetting the state of address pins in each module by setting the voltage state on the backplane circuit.

5. The method according to the Claim 1, wherein:

sending the message from a source module to a destination module directly through exchanging by the centralized exchanging and controlling unit .